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DAIRY

ousting His Boarder Cows

Iowa Dairyman Cuts Down on Feed Cost by Eliminating Unprofitable Animals in Herd.

(Prepared by the United States Department of Agriculture.)

A good example of what cow-testing associations are doing to help dairymen cull unprofitable milk producers is shown in the experience of an Iowa dairyman who reports that through the cow-testing association he learned that one cow was paying him \$2.40 for each dollar's worth of feed, while another returned only 58 cents. This dairyman lost no time in selling the poor cow and five others which showed by test that they were not paying for the feed they consumed. This year he will be able to produce milk at less



High-Producing Cows Pay for Their Keep.

cost, thus increasing his profits. He writes, "I have cut down on the feed cost by eliminating the boarders, and can still further reduce it by using more clover and alfalfa than was available last year."

TESTS SHOW GERMS IN MILK

Multiplication of Bacteria Causes Rapid Deterioration—Value for Food Lessened.

(Prepared by the United States Department of Agriculture.)

Extensive experiments conducted at the government farm, Beltsville, Md., show that milk drawn into a sterile pail from dirty cows contained an average of 32,677 bacteria per cubic centimeter, while milk drawn from clean cows whose udders and teats were washed immediately previous to milking had a content of only 4,947 germs per cubic centimeter. These tests were made immediately after milking. Naturally on standing the milk with the greatest number of bacteria would deteriorate most rapidly, due to the multiplication of the germs. Accordingly its value as a human food product would be greatly reduced, while its introduction on the city market would be carefully scrutinized, and in some cases punished by the health authorities.

Pride should cause every dairyman to maintain his cows in an attractive, cleanly and sanitary condition every day in the year. In a way the appearance of the cow is an accurate measure of the owner. In the same degree that neglected fences, overrun fence rows, tumbledown buildings and un-housed machinery typify the shiftless, ne'er-do-well farmer, dairy cows which are dirty indicate the milk farmer who does not safeguard consumers against contaminated milk.

PROTECTION FOR DAIRY COW

Exposure to Cold Rains is Often More Injurious Than Colder Weather of Winter.

The dairy cow often suffers the most from exposure to the weather before real winter has begun. After steady cold comes the cow is generally stabled. Exposure to cold rains in November is often more injurious to the animal than the colder but dry weather later in the winter.

The dairy cow is not like the fat steer, protected from cold by a layer of fat. As a result bad weather causes a big drop in milk production. So long as the weather is dry it is just as well to leave the cow outside nights, but every cold rain should find her protected.

The main thing is to have tight walls so there is no draft or wind and a good roof. Care should be taken in arranging the stalls in the form of a platform of the right length and a gutter of sufficient depth to hold the manure. The cleanliness of the milk depends to a considerable extent upon having the barn built so the cow will keep herself clean.—Clemson College Bulletin.

FOUNDATION FOR DAIRY HERD

Young Calves From Good Cows Are Satisfactory for Start, Say Government Specialists.

(Prepared by the United States Department of Agriculture.)

It is not always necessary to purchase all mature animals in establishing a herd. Young calves from good dairy cows are a satisfactory foundation for starting a dairy herd. In the opinion of specialists, ordinarily the method advocated is to grade up common cows with a purebred bull, requiring a number of years of patient selection and breeding—a period sometimes discouraging to an energetic dairyman. Frequently this causes farmers who want results too quickly to change breeds.

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Card of Thanks

We wish to express our heartfelt gratitude for the many beautiful and thoughtful kindnesses of our friends and neighbors during the sickness and death of our little boy Harley. Signed, Mr. and Mrs. A. E. McFarland

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